

ABSTRACT OF THE DISCLOSURE

Methods and apparatus directed to a multi-layer honeycomb sole. A footwear item in accordance with the invention includes a sole that includes a top layer attached to a bottom layer such that their edges are fused together. The top layer includes a first honeycomb core having an exposed surface that includes contours configured to accommodate contours of a foot. The first honeycomb core includes unsealed cells that have walls with perforations. The bottom layer includes a second honeycomb core that includes sealed cells.

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